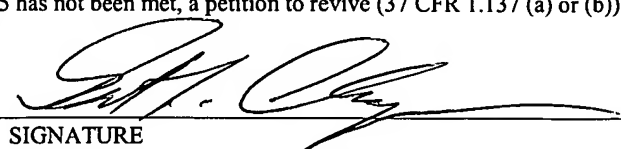


000FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE REV. 2001		CUSTOMER NO. 22,852
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 04623.0009-00000
		U.S. APPLICATION NO. (If known, see 37CFR1.5) 10/532131
INTERNATIONAL APPLICATION NO. PCT/EP2003/050730	INTERNATIONAL FILING DATE October 17, 2003	PRIORITY DATE CLAIMED November 30, 2002
TITLE OF INVENTION MEMBRANE AND USE THEREOF		
APPLICANT(S) FOR DO/EO/US Bernd KRAUSE, Mattias WESSLING, Hermann GÖHL, and Markus STORR		
Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a filing under 35 U.S.C 371.
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3.	<input type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.	<input type="checkbox"/>	The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).
	a. <input checked="" type="checkbox"/>	is attached hereto (required only if not communicated by the International Bureau.
	b. <input type="checkbox"/>	has been communicated by the International Bureau.
	c. <input type="checkbox"/>	is not required, as the application was filed with the United States Receiving Office (RO/US).
6.	<input type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
	a. <input type="checkbox"/>	is attached hereto.
	b. <input type="checkbox"/>	has been previously submitted under 35 U.S.C. 154 (d)(4).
7.	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).
	a. <input type="checkbox"/>	are attached hereto (required only if not communicated by the International Bureau).
	b. <input type="checkbox"/>	have been communicated by the International Bureau.
	c. <input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.
	d. <input checked="" type="checkbox"/>	have not been made and will not be made.
8.	<input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9.	<input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.	<input type="checkbox"/>	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
Items 11 to 20 below concern document(s) or information included:		
11.	<input checked="" type="checkbox"/>	Information Disclosure Statement under 37 CFR 1.97 and 1.98
12.	<input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.	<input checked="" type="checkbox"/>	A FIRST preliminary amendment.
14.	<input type="checkbox"/>	A SECOND or SUBSEQUENT preliminary amendment.
15.	<input type="checkbox"/>	A Substitute specification.
16.	<input type="checkbox"/>	A change of power of attorney and/or address letter.
17.	<input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18.	<input type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154 (d)(4).
19.	<input type="checkbox"/>	A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).
20.	<input checked="" type="checkbox"/>	Other items or information:
	a. <input checked="" type="checkbox"/>	Copy of cover page of International Publication No. WO 2004/050222 A1
	b. <input type="checkbox"/>	Copy of Notification of Missing Requirements.
	c. <input type="checkbox"/>	

20 APR 2003

U.S. APPLICATION NO. (If known, see 37CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/532131</div>		INTERNATIONAL APPLICATION NO. PCT/EP2003/050730		ATTORNEY'S DOCKET NUMBER 04623.0009-00000	
21. <input checked="" type="checkbox"/> The following fees are submitted:				Applicant Use	Office Use Only
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):				\$	
National Stage Search Fee.....\$500.00				\$	
National Stage Examination Fee.....\$200.00				\$	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of additional 50 or fraction thereof (rounded up to a whole number)	Rate		
22 - 100 =	/50=		x 250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	27	- 20 =	7	x \$50.00	\$350.00
Independent Claims	1	-3 =		x \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$360.00	\$360.00
TOTAL OF THE ABOVE CALCULATIONS =				\$1710.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$1710.00	
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$1710.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$	
TOTAL FEES ENCLOSED =				\$1710.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1710.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, D.C. 20001-4413					
DATED: April 20, 2005			 SIGNATURE Ernest F. Chapman/Reg. No. 25,961 NAME/REGISTRATION NO.		